



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

March 10, 2016

Ms. Karen M. Sagel  
Allegheny County Health Department  
Department of Air Quality  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

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Air Protection Division

Subject: USS Reference Number: 16-0090  
ACHD Reference Number: 19796  
100 Carbonate Plant  
USS Clairton Works

Dear Karen M. Sagel:

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Jonelle S. Scheetz at 412-233-1015.

Sincerely,

Michael S. Rhoads  
Plant Manager  
Clairton Works

cc: James W. Hagedorn (USEPA)

NOTICE OF PLANNED OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 16-0090  
ACHD Reference Number: 19796
2. Date & Time of Breakdown: Date: 03/28/16 Time: ~0700 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: 100 Carbonate Plant
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: During an approximate 3 week period, the 100 Carbonate Plant will be unavailable for service to perform maintenance on the Absorber and 102-E Stripper.

The 100 Carbonate Unit is a redundant piece of equipment. Gas processing for sulfur removal will be handled by the 600 Carbonate Unit. Sulfur Plant performance will not be affected. Sulfur emissions will not increase.

8. Identification of Emissions:
  - A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
The 600 Carbonate Plant will carry the full acid gas flow to the plant. No environmental impact is expected.
  - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). N/A. No environmental impact is expected
  - C. Amount of each type emitted (or likely to be emitted).  
N/A.
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
The 600 Carbonate Plant will carry the full acid gas flow to the plant.
10. Facility back in operation - Date: Time: Hours

Reviewed by *Joneille S. Scheetz* Date 3/10/16  
Joneille S. Scheetz  
Environmental Control Engineer Phone: 412-233-1015